

- cells being modified by homologous recombination with the DNA fragment from (a),
- (d) culturing the cells from step (c),
- (e) [selection of] selecting the cultured cells from step (d) for the absence of the homologous sequence and/or the presence of the heterologous sequence, [in particular the selectable marker,]
- (f) [production of] producing chimeric non-human mammals from the cells from step (e) by injection of these cells in mammalian blastocysts [(preferably mouse blastocysts)], [transfer of] transferring the blastocysts into false-pregnant female mammals [(preferably mouse)] and [analysis of] analyzing the resulting offspring for a change of the NINTROX gene.

**REMARKS**

Entry of the foregoing amendments are respectfully requested.

Application No. Unassigned  
Attorney's Docket No. 012627-019

Should the Examiner have any questions concerning the subject application, a telephone call to the undersigned would be appreciated.

Respectfully submitted,

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